

Title (en)

CONTROL APPARATUS FOR ENABLING FUNCTIONS, MOTOR VEHICLE HAVING A CONTROL APPARATUS AND METHOD FOR OPERATING A CONTROL APPARATUS

Title (de)

STEUERVORRICHTUNG ZUR FREISCHALTUNG VON FUNKTIONEN, KRAFTFAHRZEUG MIT EINER STEUERVORRICHTUNG UND EIN VERFAHREN ZUM BETREIBEN EINER STEUERVORRICHTUNG

Title (fr)

DISPOSITIF DE COMMANDE POUR L'ACTIVATION DE FONCTIONS, VÉHICULE AUTOMOBILE AYANT UN DISPOSITIF DE COMMANDE ET PROCÉDÉ POUR FAIRE FONCTIONNER UN DISPOSITIF DE COMMANDE

Publication

EP 3793868 A1 20210324 (DE)

Application

EP 19748480 A 20190718

Priority

- DE 102018214158 A 20180822
- EP 2019069313 W 20190718

Abstract (en)

[origin: WO2020038664A1] The invention relates to a control apparatus (1) for enabling functions, comprising an integrated circuit (3). The control apparatus (1) has a function register unit (4) for storing at least one entry (5) relating to an enabled state of a respective circuit function (6) and/or of a respective circuit area (7) of the integrated circuit (3). The integrated circuit (3) is configured to enable the respective circuit function (6) and/or the respective circuit area (7) for use in accordance with the at least one entry (5) in the function register unit (4). The control apparatus (1) has a function control unit (8) configured to respond to a predetermined actuation signal (9) by changing the at least one entry (5) in the function register unit (4), wherein the change is made only if a predetermined authenticity check based on a cryptographic method confirms a source (10) of the actuation signal (9) is authorised, so that the function control unit (8) is actuatable only by a trusted source (10).

IPC 8 full level

B60R 16/00 (2006.01); **G09C 1/00** (2006.01); **H04L 9/32** (2006.01)

CPC (source: EP US)

B60R 16/0231 (2013.01 - EP); **B60W 50/06** (2013.01 - US); **G06F 9/30098** (2013.01 - US); **G09C 1/00** (2013.01 - EP); **H04L 9/0643** (2013.01 - US); **H04L 9/3239** (2013.01 - EP); **H04L 9/3247** (2013.01 - EP US); **H04L 9/3278** (2013.01 - EP); **H04L 9/50** (2022.05 - EP); **B60W 2050/0044** (2013.01 - US); **B60W 2050/065** (2013.01 - US); **H04L 9/50** (2022.05 - US); **H04L 2209/84** (2013.01 - EP)

Citation (search report)

See references of WO 2020038664A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102018214158 A1 20200227; **DE 102018214158 B4 20240314**; CN 112585038 A 20210330; CN 112585038 B 20211116; EP 3793868 A1 20210324; EP 3793868 B1 20210908; US 11077861 B2 20210803; US 2021163030 A1 20210603; WO 2020038664 A1 20200227

DOCDB simple family (application)

DE 102018214158 A 20180822; CN 201980054295 A 20190718; EP 19748480 A 20190718; EP 2019069313 W 20190718; US 201917263467 A 20190718